

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/724,288	
			Filing Date	November 28, 2000	
			First Named Inventor	Schenk, Dale B.	
			Art Unit	1649	
			Examiner Name	Daniel E. Kolker	
Sheet	1	of	11	Attorney Docket Number	15270J-004765US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	953	2008/0096818	04-24-2008	Schenk et al.	
	945	2008/0050367 A1	02-28-2008	Basi et al.	
	944	2007/0238154 A1	10-11-2007	Basi et al.	
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	955	2007/0161088	07-12-2007	Arumugham et al.	
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	959	2006/0240486	10-26-2006	Johnson-Wood et al.	
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	961	2006/0198851	09-07-2006	Basi et al.	
	962	2006/0193850	08-31-2006	Warne et al.	
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	964	2006/0165682	07-27-2006	Basi et al.	
	965	2006/0160161	07-20-2006	Pavlikova et al.	
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	967	2006/0099206	05-11-2006	Sinacore	
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	981	2004/0247591	12-09-2004	Schenk et al.	

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	988	12/106,206	04-18-2008	Schroeter	
	989	12/037,045	02-25-2008	Seubert	
	990	60/999,423	10-17-2007	Black	
	991	11/894,789	08-20-2007	Basi	
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	1002	11/842,101	08-20-2007	Schenk	
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	1006	11/841,993	08-20-2007	Arumugham	
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	1007	11/841,950	08-20-2007	Arumugham	
	1008	11/841,919	08-20-2007	Arumugham	
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	1015	60/793,014	04-18-2006	not named	
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	1019	60/736,045	11-10-2005	Johnson-Wood	
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	1021	60/691,821	06-17-2005	Godavarti	
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	1023	60/648,639	01-28-2005	Luisi et al.	
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	948	60/251,892	12-06-2000	Basi et al.	
	1039	09/724,929	11-28-2000	Weiner	

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	1040	09/724,921	11-28-2000	Weiner	
	1041	09/724,575	11-28-2000	Schenk	
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	1054	09/723,766	11-27-2000	Hirtzer	
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	1056	09/723,725	11-27-2000	Hirtzer	
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	1060	09/580,015	05-26-2000	Schenk	
	1061	09/579,690	05-26-2000	Brayden	
	1062	09/497,553	02-03-2000	Schenk	
	1063	60/139,408	06-16-1999	Raso	
	1064	60/137,047	06-01-1999	Hirtzer	
	1065	60/137,010	06-01-1999	Schenk	
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	1069	60/925,228			

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	1070	EP	1 033 998	B1	10-19-2005			<input type="checkbox"/>
	921	EP	0 391 714	A2	10-10-1990			<input type="checkbox"/>
	1071	WO	06/083689	A2	08-10-2006			<input type="checkbox"/>

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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	1077	WO	06/081587	A3	08-03-2006			<input type="checkbox"/>
	1073	WO	05/058941	A2	06-30-2005			<input type="checkbox"/>
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	934	WO	02/46237	A3	06-13-2002			<input type="checkbox"/>
	1079	WO	98/56418	A1	12-17-1998			<input type="checkbox"/>
	923	WO	95/23860	A2	09-08-1995			<input type="checkbox"/>
	922	WO	94/09364	A1	04-28-1994			<input type="checkbox"/>
	947	WO	92/22653	A1	12-23-1992			<input type="checkbox"/>

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	927	AISEN, P., "Inflammation and Alzheimer's Disease: Mechanisms and Therapeutic Strategies," <u>Gerontology</u> , 43:143-149 (1997).	<input type="checkbox"/>
	912	AKIYAMA et al., "The amino-terminally truncated forms of amyloid $\beta$ -protein in brain macrophages in the ischemic lesions of Alzheimer's disease patients," <u>Neuroscience Letters</u> , 219:115-118 (1996).	<input type="checkbox"/>
	1047	ALBERTS et al., eds. <i>Molecular Biology of The Cell, Third Edition</i> , chapter 23, pages 1216-1218 (1994).	<input type="checkbox"/>
	875	ARD et al., "Scavenging of Alzheimer's Amyloid $\beta$ -Protein by Microglia in Culture," <u>J. Neuroscience Research</u> , 43:190-202 (1996).	<input type="checkbox"/>
	561	BELLOTTI et al., "Application of Monoclonal Anti-idiotypes in the Study of AL Amyloidosis: Therapeutic Implications," <u>Renal Failure</u> , 15(3):365-371 (1993).	<input type="checkbox"/>
	790	BALES et al., "Administration of an Anti-A $\beta$ Fab Fragment to APP <sup>V717F</sup> Transgenic Mice Reduces Neuritic Plaque," Abstract P4-396, presented at Poster Session P4: Therapeutics and Therapeutic Strategies-Therapeutic Strategies, Amyloid-Based, <u>Neurobiology of Aging</u> , 25:S587 (2004).	<input type="checkbox"/>
	1048	BENDING, "Humanization of Rodent Monoclonal Antibodies by CDR Grafting," <u>A Companion to Methods in Enzymology</u> , 8:83-93 (1995).	<input type="checkbox"/>
	558	BENJAMINI et al., from <i>IMMUNOLOGY A Short Course</i> , Second Edition, pages 136-138, 143, 73-74, 372-373, and 400-401, 1991, published by Wiley-Liss, Inc., New York, New York.	<input type="checkbox"/>
	911	BEN-YEDIDIA et al., "Design of peptide and polypeptide vaccines," <u>Current Opinion in Biotechnology</u> , 8:442-448 (1997).	<input type="checkbox"/>

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	746	BRAZIL et al., "Effects of Incorporation of Immunoglobulin G and Complement Component C1q on Uptake and Degradation of Alzheimer's Disease Amyloid Fibrils by Microglia," <u>J. Biol. Chem.</u> , 275(22):16941-16947 (2000).	<input type="checkbox"/>
	915	BRITT et al., "Formulation of an immunogenic human cytomegalovirus vaccine: responses in mice," <u>J. Infect. Dis.</u> , 171:18-25 Abstract (1995).	<input type="checkbox"/>
	1085	CASSET et al., "A Peptide Mimetic of an Anti-CD4 Monoclonal Antibody By Rational Design," <u>Biochemical and Biophysical Research Communications</u> , 307:198-205 (2003).	<input type="checkbox"/>
	932	CHAKRABARTI et al., "Vaccinia Virus Expression Vector: Coexpression of B-Galactosidase Provides Visual Screening of Recombinant Virus Plaques," <u>Molecular and Cellular Biology</u> , 5(12):3403-3409 (1985).	<input type="checkbox"/>
	930	CHANG et al., "Adjuvant activity of incomplete Freund's adjuvant," <u>Advanced Drug Delivery Reviews</u> , 32:173-186 (1998).	<input type="checkbox"/>
	639	Chimicon International, "Mouse Anti-Amyloid Beta Protein Monoclonal Antibody," Catalog # MAB1561 (2003-2005).	<input type="checkbox"/>
	1091	CLARK et al., <u>Chemical Immunology Antibody Engineering IgG Effector Mechanisms</u> , 65:88-110 (1997).	<input type="checkbox"/>
	1046	COLMAN, "Effects of Amino Acid Sequence Changes On Antibody-Antigen Interactions," <u>Research In Immunology</u> , 145:33-36 (1994).	<input type="checkbox"/>
	925	Colombian Patent Application No. 98071271, Technical Opinion of Jean Paul Vernot submitted on June 22, 2005 as evidence with the brief amending the nullity action (with English translation) (drafted November 2004).	<input type="checkbox"/>
	908	COREY-BLOOM et al., "Clinical features distinguishing large cohorts with possible AD, probable AD, and mixed dementia," <u>J. Am. Geriatr. Soc.</u> , 41(1):31-37 Abstract (1993).	<input type="checkbox"/>

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	745	DEWITT et al., "Astrocytes regulate microglial phagocytosis of senile plaque cores of Alzheimer's disease," <u>Experimental Neurology</u> , 149:329-340 (1998).	<input type="checkbox"/>
	220	Dialog/Derwent, Abstract of WPI Acc No: 1997-054436/199706: Stable vaccine compsns. – comprise a macrocyclic lactone, a milbemycin, an avermectin, an antigen, a dispersing agent, an adjuvant, a water sol. organic solvent and saline or water, Derwent File 351: Derwent WPI database (1997).	<input type="checkbox"/>
	910	DREW et al., "Vaccination by cholera toxin conjugated to a herpes simplex virus type 2 glycoprotein D peptide," <u>Journal of General Virology</u> , 73:2357-2366 (1992).	<input type="checkbox"/>
	920	Ecuador Patent Application No. SP 98-2764, English translation of Expert Report submitted April 19, 2007 in support of the Appeal filed on July 29, 2005.	<input type="checkbox"/>
	942	European Examination Report of 03/09/2007 for European Application 01995364.5-1222.	<input type="checkbox"/>
	941	European Examination Report of 09/26/2007 for European Application 04720353.4-1222.	<input type="checkbox"/>
	940	European Examination Report of 10/08/2007 for European Application 01995364.5-1222.	<input type="checkbox"/>
	1081	GIBSON et al., "Abnormalities in Alzheimer's Disease Fibroblasts Bearing the APP670/671 Mutation," <u>Neurobiology of Aging</u> , 18(6):573-580 (1997).	<input type="checkbox"/>
	664	HARLOW et al., eds., <i>Antibodies: A Laboratory Manual</i> , pages 71-82 (1998).	<input type="checkbox"/>
	931	HARLOW et al., eds., <i>Antibodies: A Laboratory Manual</i> , page 98 (1988).	<input type="checkbox"/>

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				Filing Date	November 28, 2000
				First Named Inventor	Schenk, Dale B.
				Art Unit	1649
				Examiner Name	Daniel E. Kolker
Sheet	9	of	12	Attorney Docket Number	15270J-004765US

NON PATENT LITERATURE DOCUMENTS				
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	559	HERLYN et al., "Monoclonal antibodies in cell-mediated cytotoxicity against human melanoma and colorectal carcinoma*, " <u>Eur. J. Immunol.</u> , 9:657-659 (1979).	<input type="checkbox"/>	
	1086	HOLMES et al., "Long-term Effects of A $\beta$ <sub>42</sub> Immunisation in Alzheimer's Disease: Follow-up of a Randomised, Placebo-controlled Phase I Trial, " <u>Lancet</u> , 372: 216-223 (2008).	<input type="checkbox"/>	
	1090	HOPP et al., "Prediction of protein antigenic determinants from amino acid sequences," <u>Proc. Natl. Acad. Sci. USA</u> 78:3824-3828 (1981).	<input type="checkbox"/>	
	1092	HUSSAIN et al., "Selective Increases in Antibody Isotopes and Immunoglobulin G Subclass Responses to Secreted Antigens in Tuberculosis Patients and Healthy Household Contacts of the Patients," <u>Clinical and Diagnostic Laboratory Immunology</u> , 2(6): 726-732 (1995).	<input type="checkbox"/>	
	1087	HYSLOP et al., " Will Anti-amyloid Therapies Work For Alzheimer's Disease?," <u>Lancet</u> , 372:180-182 (2008).	<input type="checkbox"/>	
	560	JAHRLING et al., "Opsonization of Alphaviruses in Hamsters," <u>J. Medical Virology</u> , 12:1-16 (1983).	<input type="checkbox"/>	
	929	JANSEN et al., "Use of Highly Encapsulated <i>Streptococcus pneumoniae</i> Strains in a Flow-Cytometric Assay for Assessment of the Phagocytic Capacity of Serotype-Specific Antibodies," <u>Clinical &amp; Diagnostic Lab. Immunol.</u> , 5(5):703-710 (1998).	<input type="checkbox"/>	
	1049	MACCALLUM et al., "Antibody-antigen Interactions: <u>Contact Analysis and Binding Site Topography</u> , 262:732-745 (1996).	<input type="checkbox"/>	
	904	MAMIKONYAN et al., "Anti-A $\beta$ <sub>1-11</sub> Antibody Binds to Different $\beta$ -Amyloid Species, Inhibits Fibril Formation, and Disaggregates Preformed Fibrils but Not the Most Toxic Oligomers," <u>J Biol Chem</u> , 282(31) 22376-22386 (2007).	<input type="checkbox"/>	

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	913	MANNING et al., "Genetic Immunization with Adeno-Associated Virus Vectors Expressing Herpes Simplex Virus Type 2 Glycoproteins B and D," <u>Journal of Virology</u> , 71(10):7960-7962 (1997).	<input type="checkbox"/>
	1082	MASLIAH et al., "Amyloid Protien Precursor Stimulates Excitatory Amino Acid Transport," <u>The Journal of Biological Chemisrty</u> , 273(20):12548-12554 (1998).	<input type="checkbox"/>
	1088	NASHAR et al., "Current progress in the development of the B subunits of cholera toxin and Escherichia coli heat-labile enterotoxin as carries for the oral delivery of herterologous antigens and epitopes," <u>Vaccine</u> , 11(2):235-40 (1993), abstract only.	<input type="checkbox"/>
	933	PCT International Preliminary Examination Report of 02/09/2004 for application PCT/US01/46587.	<input type="checkbox"/>
	919	PCT Written Opinion of 12/14/04 for application PCT/US04/02856.	<input type="checkbox"/>
	937	PCT International Preliminary Report on Patentability (Chapter I) of 09/16/2005 with Written Opinion of 05/09/2005 for application PCT/US04/007503.	<input type="checkbox"/>
	1075	PCT International Preliminary Report on Patentability (Chapter II) of 12/21/2006 for application PCT/US2006/002837.	<input type="checkbox"/>
	1080	PCT International Preliminary Report on Patentability (Chapter I) of 07/31/2007 with Written Opinion for application PCT/US2006/004741.	<input type="checkbox"/>
	1076	PCT Written Opinion of 8/11/2006 for application PCT/US2006/002837.	<input type="checkbox"/>
	938	PCT International Preliminary Report on Patentability (Chapter II) of 04/27/2006 for application PCT/US04/007503.	<input type="checkbox"/>

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	1042	PNAS Information for Authors (revised January 1997), Retrieved 21 April 2008 from <a href="http://web.archive.org/web/19970610092808/www.pnas.org/forc.shtml">http://web.archive.org/web/19970610092808/www.pnas.org/forc.shtml</a> .	<input type="checkbox"/>	
	928	RAMMENSEE, H.G., "Chemistry of peptides associated with MHC class I and class II molecules," <u>Current Opinion in Immunology</u> , 7:85-96 (1995).	<input type="checkbox"/>	
	926	RODRIGUEZ et al., "Enfermedad de Alzheimer. Situacion Actual y Estrategias Terapeuticas" (Alzheimer Disease: present situation and therapeutic strategies), <u>Rev Cubana Med [online]</u> , 38(2):134-142 (1999).	<input type="checkbox"/>	
	1089	ROLPH et al., "Recombinant viruses as vaccines and immunological tools," <u>Immunity to Infection</u> , 9:517-521 (1997).	<input type="checkbox"/>	
	1083	SMALL, "The Role of the Amyloid Protein Precursors (APP) in Alzheimer's Disease: Does the Normal Function of APP Explain the Topography of Neurodegeneration?," <u>Neurochemical Research</u> , 23(5):795-806 (1997).	<input type="checkbox"/>	
	186	SOLOMON et al., "Activity of monoclonal antibodies in prevention of in vitro aggregation of their antigens," <u>Immunotechnology</u> , 2(4):305 (1996).	<input type="checkbox"/>	
	950	SOLOMON et al., "Fast induction of anti- $\beta$ -amyloid peptide immune response," <u>Research and Practice in Alzheimer's Disease</u> , 6:260-264 (2002).	<input type="checkbox"/>	
	914	SPELLERBERG et al., "DNA Vaccines Against Lymphoma," <u>Journal of Immunology</u> , 159:1885-1892 (1997).	<input type="checkbox"/>	
	1093	STAUNTON et al., "Primary structures of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," <u>Cell</u> 52(6):925-33 (1988), abstract only.	<input type="checkbox"/>	
	939	Supplementary Partial European Search Report of 04/10/2007 for European Application 04720353.4-1222.	<input type="checkbox"/>	

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	907	TANG et al., "Genetic immunization is a simple method for eliciting an immune response," <u>Nature</u> , 356:152-154 (1992).	<input type="checkbox"/>	
	952	ULVESTAD et al., "Fc Receptors for IgG on Cultured Human Microglia Mediate Cytotoxicity and Phagocytosis of Antibody-coated Targets," <u>Journal of Neuropathology and Experimental Neurology</u> , 53(1):27-36 (1994).	<input type="checkbox"/>	
	936	VANDERSTICHELE et al., "Standardization of Measurement of B-amyloid(1-42) in Cerebrospinal Fluid and Plasma," <u>Int. J. Exp. Clin. Invest.</u> , 7(4):245-258 (2000).	<input type="checkbox"/>	
	569	VERSHIGORA A. E. OSHCHAYA IMMUNOLOGIIYA, pages 35, 229-231 and 152-153 (1990).	<input type="checkbox"/>	
	916	WINBLAD et al., "Hints of a therapeutic Vaccine for Alzheimer's?" <u>Neuron</u> , 38:517-519 (2003).	<input type="checkbox"/>	
	223	WISCONSIN ALUMNI RESEARCH FOUNDATION, "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals", U.S. Govt. Res. Develop. Rep., 70(24), 56 (1969).	<input type="checkbox"/>	
	909	XIANG et al., "Manipulation of the immune response to a plasmid-encoded viral antigen by coinoculation with plasmids expressing cytokines," <u>Immunity</u> , 2(2):129-135 Abstract (1995).	<input type="checkbox"/>	
	917	YANKNER et al., "Neurotrophic and Neurotoxic effects of Amyloid $\beta$ Protein: Reversal by Tachykinin Neuropeptides," <u>Science</u> , 250:279-282 (1990).	<input type="checkbox"/>	
	793	ZAMEER et al., "Single Chain Fv Antibodies against 25-35 Peptide Fragment of Amyloid- $\beta$ : Potential Therapeutic for Alzheimer's Disease," Abstract P4-420, Page S593, presented at Poster Session P4:Therapeutics and Therapeutic Strategies-Therapeutic Strategies, Amyloid-Based, also <u>Neurobiology of Aging</u> , 25(Suppl. 2): p S593 (July 2004).	<input type="checkbox"/>	

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